

Claims

1. A method of coating organic polymeric supporting materials with at least one photovoltaically active layer and annealing the materials thus coated, characterised in that the supporting material consists of a polymeric material with a glass transition temperature of from 90°C to 200°C. Coating is carried out at temperatures below the glass transition temperature and annealing at temperatures of at least 250°, in particular 400 to 600°C, by means of a laser for 0.01 to 1 s with an energy of 2 to 5000 watt per mm<sup>2</sup>.
- 10 2. A method according to claim 1, wherein the supporting material is at least 60 µm thick and the photovoltaic layer is at most 30 µm thick.
- 15 3. A method according to claim 1, wherein the supporting material is of polyethylene terephthalate or polyethylene naphthalate.
- 20 4. A solar cell comprising at least one photovoltaically active layer on a support, characterised in that the support is a polymeric organic material having a glass transition temperature of from 90°C to 200°C.
- 25 5. A solar cell, according to claim 4, characterised in that the photovoltaically active layer comprises cadmium telluride.
6. A solar cell according to claim 4, characterised in that the support consists of polyethylene terephthalate or polyethylene naphthalate.